Work Orde		<b>/02</b>		*85	702	2*				<b>&amp;</b> •		Page 1
Revision ID:	D3319-1 Wearplate	Sa	rap.	Accept	*	N900	040	100	<b>)</b> * s	etup Sta	\ I\	S1* S2*
Start Date: Required Date: Reference:	13/06/2012 27/06/2012	Start Qty: 10.00 Req'd Qty: 10.00	*10 *10	•		Cust Item   Customer:	ID:					
Approvals:	Process Plan	II MLJ	Date: 12 06	\14 Tooling: SPC (Y/N):			ate:	= = = .	F		art *N op *N	R1* R2*
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hours		Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp.
Draw Nbr		sion Nbr	<u> </u>				, e-					
D3319	C										MAT NO	or puller
*100 *100* Waterjet		FLOW WATER JET  Memo	. D. 2010	0.00								-6-17
FLOW CNC Waterje		Dwg Rev:_ Prog Rev:_ 2-Deburr if										Ÿ
		:										-1-
110		QC2- Inspect parts off m	nachine FAI/FAIB	0.00						•	•	
*110* QC		Memo	÷	0.00					• • • • • • • • • • • • • • • • • • • •	<u> </u>		(7-6-17
Quality Control												Ph.>
120		QC8- Inspect parts - sec	ond check	0.00	ė							
*120*		Memo		0.00	2(4)8	(			XB_	(61	>	-
Quality Control												

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W/O: 4	702	WOR	K ORDER CHANGES	· · · · · · · · · · · · · · · · · · ·			-	
DATE	STEP	PROCEDURE CHANG	ìE -	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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			. •					

Part No: _	D 3319-1	PAR #:	Fault Category: WAY Jet Small PAB	NCR:(Yes) No	DQA: MI	Date:	12/08/17
	Pecolution:	er ran	Disposition: Second	OA: N/C Closed	$\mathcal{L}_{\mathcal{L}}$	Date:	12/18/12

NCR: 12	-1707	W	ORK OR	DER NON-CONFORMANCE	E (NCR)	\$54.	74	
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section B  Action Description  Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector
१२ोळनेन	月7	Found Off +1 with a  Cut in it from positions on when Jet.  R.C. ormen error when setting short	5 057242 12/06/19		3u 12-19	ે હા વિસ્તૃતિ	5 057.042 12.06.149	12/06/19
				•			<u>.</u>	

June-13-12 4:05:44 PM

Revision ID:	D3319-1 Wearplate	: <u></u>	-	A	ccept	*	N900	0040	1100	ገ*	Setup	Start Stop	IV	S1* S2*
	13/06/2012	<b>Start Qty:</b> 10.00		เก*			Cust Item							
Required Date: Reference:	27/06/2012	<b>Req'd Qty:</b> 10.00	* *	10*			Customer:							· .
Approvals:	Process Pla	n:	Date:		Tooling: SPC (Y/N):	-1-1-1		eate:			Run	Start Stop	1/1	R1* R2*
Sequence ID/ Work Center ID	)	Operation Description	·		Set Up/ Run Hours		Tool ID	Tool #	Plan Code	Accept Qty	t Re Qt		Reject Number	Insp. Stamp
*140 *140 Brake NC Brake NC					0.00 Dwg D3319Rev:	<u>-</u>				_(3				1266/2
*150 *150* QC Quality Control	1 34	2- Form flat  QC6- Inspect dimensions  Memo	on press using DT	8776 block	0.00					15				N 12 00 25
160 *160* Large Fab		Weld per dwg A/R Hard Large Fab <b>Memo</b>			0.00					£13)	_ Pr	1l	/,	<u>2-08</u> -09
Lafge Fab .	÷	2- Weld hard	surface using DT	8755 per (	9 using jig D3319-1T3 2SI 004 and Dwg D33 Batch Rod M/23	19 Rev		228						

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		•.					
		9					
Part No	:	PAR #:	CR: Yes	No DQ	A:	Date: _	

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B	~	Verification	Approval	Approval			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC inspecto			
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Page 3

June-13-12 4:05:44 PM

Item ID: Revision ID: Item Name:	D3319-1 Wearplate			Accept	*N900	<b>040</b>	100	)*	Setup Star Stop	1.7	S1*
Start Date: Required Date Reference:	13/06/2012	Start Qty: 10.00 Req'd Qty: 10.00	*10* *10*		Cust Item I Customer:	D:	*			I	
Approvals:	Process Pla	an:	Date:			ate:	 . —	]	Run Stai Sto	1/1	R1* R2*
Sequence ID/ Work Center I	ID	Operation Description QC10- Inspect visual per	OSI004- ground welds	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
*170* QC Quality Control		Memo		0.00				13	12.8	7. <u>5</u>	24
180		QC5- Inspect part comple	teness to step on W/O	0.00							OAS
*180* QC Quality Control		Memo		0.00		197		13	/2·8	7.5	(S. 69)
190		Grey Sandtex(Ref:4.3.5.6	n per OSI005 4.3	0.00			- ( <u>†</u> (				My
*100* Powder Coating		Memo START TIM OVEN TEM FINISH TIM	E: PERATURE:	00 0.00 to 0 F				13x,	<i>y</i>		12/08
$M(\mathcal{I})$	279		272	J.							

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W/O:			W	ORK ORDER CH	IANGES					
DATE	STEP	PRO	CEDURE CH	ANGE		By Date Qty			Approval Chief Eng / Prod Mgr	Approval QC Inspector
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							1000			
Part No	;	PAR #:	Fault Cat	egory:	P	NCR: Yes	No DQ	A:	Date: _	
Resolution:			Disposition:			A: N/C C	osed:		Date: _	
NCR:		V	VORK ORI	DER NON-CONFO	ORMAN	CE (NCF	3)			
		Description of NC		Corrective Action	Section E	3	Verifi	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Descri Chief Eng	ption	Sign & Date		tion C	Chief Eng	QC Inspector
- , •										
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Page 4

June-13-12 4:05:44 PM

Item ID: D3319-1

Accept

\*N90004010

Setup

**Revision ID:** 

Item Name: Wearplate

**Cust Item ID:** 

**Start Date:** 

13/06/2012 Start Qty: 10.00 **Required Date: 27/06/2012** Req'd Qty: 10.00 \*10\* \*10\*

**Customer:** 

Reference:

Approvals:

Process Plan:

Date: **Tooling:**  Date:

Start

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/ Operation Set Up/ Tool ID Tool# Plan Accept Reject Reject Insp. **Work Center ID** Description **Run Hours** Code Qty Qty Number Stamp 200 QC3-Inspect Part Finish 0.00 13x d Mulog)13 \*200\* Memo

QC

Quality Control

0.00

Stop

Run

Identify as per dwg & Stock Location. 210

0.00

\*210\*

Packaging

Packaging

Packaging

Memo

0.00

SA 12/08/14

220

QC21- Final Inspection - Work Order Release

0.00

\*220\*

Memo

Quality Control

0.00

MLJ 12/08/19 MK 12/08/19

W/O:				WORK ORDER CHANGES								
DATE	STEP		PRO	CEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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<del>-</del>		1			. , ,			<u> </u>				
Part No	:		PAR #:	Fault Category:		NCR: Yes	No DQ	A:	Date: _			
	R	Resolution:		Disposition:		QA: N/C C	losed:		Date:			

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B		Verification	Approval Chief Eng	Approval			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		QC Inspector			
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#### **Picklist Print**

June-13-12 4:05:47 PM

Work Order ID: 85702

D3319-1 Parent Item:

Parent Item Name: Wearplate

\*85702\*

\*D3319-1\*

**Start Date:** 13/06/2012

**Required Date: 27/06/2012** 

Page 1

**Start Qty: 10.00** 

Required Qty: 10.00

Comments:

B05.10.14Added step 9, dwg rev B KJ/EC IPP Rev:C Now on Waterjet 06-10-26 JLM

					E1 E1 E1								
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M1010S18GA	*	Purchased	No		···	100	sf	0.4855	0.628	6.610526	(14)	9,	
*M1010S1	8GA*								**			Bi	2-6-17

1010/1025 SHEET .048

Location Loc Code Loc Qty MAT019 0.485474 116268 0.485474

11780

Dart	Aerospace	Ltd

W/O:			V	WORK ORDER CHANGES								
DATE	STEP	PRO	OCEDURE CH	IANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
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		±										
			*, ,,									
						÷						
Part No		PAR #:	Fault Ca	tegory:	_ NCR: Yes	NCR: Yes No DQA: Date:						
	R	esolution:	Disposit	ion:	_ QA: N/C C	QA: N/C Closed: Date:						
NCR:	ė	\	WORK OR	DER NON-CONFORM	ANCE (NCF	R)						
DATE	STEP	Description of NC	on of NC Corrective Action Section B			Verification		Approval	Approval			
DAIL	O.L.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date		tion C	Chief Eng	QC inspector			
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				18								
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						-		· ·				

DART AEROSPACE LTD	Work Order:	85702
Description: Wearplate	Part Number:	D3319-1
Inspection Dwg: D3319 Rev: C		Page 1 of 1

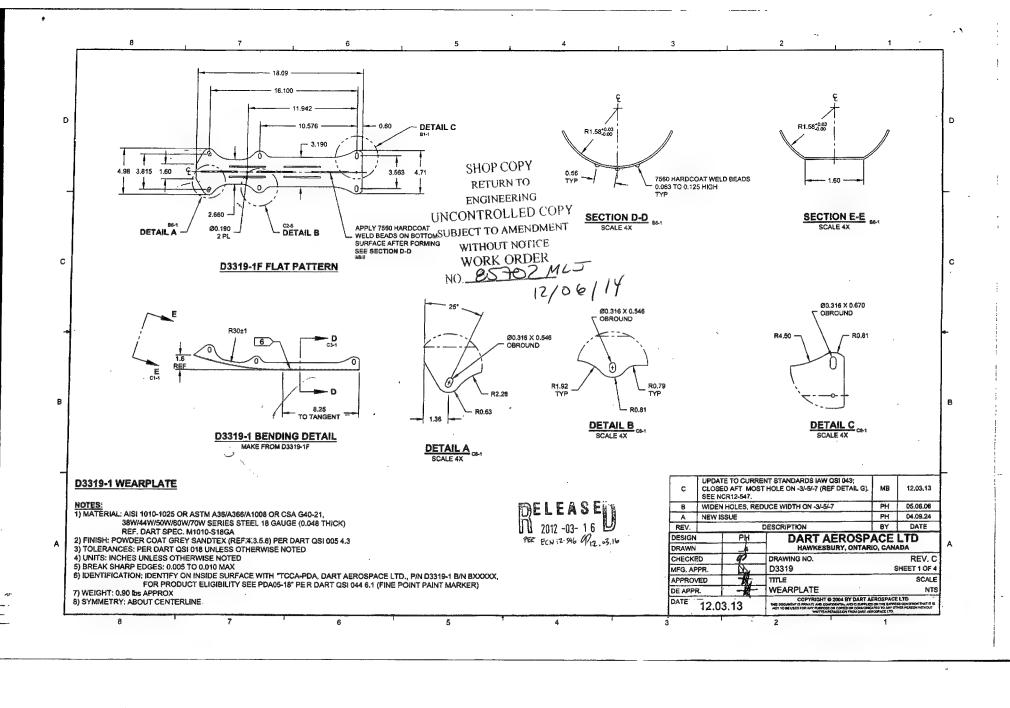
## FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
4.98	+/-0.030	<del> </del>				
1.600	+/-0.010	4.987	<u>C</u>		100	
2.660		1.600	1		V	
	+/-0.010	3.465	1		V	
3.190	+/-0.010	3,198	2		11	
3.563	+/-0.010	3.561	1_		1/	
4.71	+/-0.030	4.968	1		V	
0.60	+/-0.030	,611	1		V	
10.576	+/-0.010	10,576	(		7 30	
11.942	+/-0.010	11 914)			7	
18.09	+/-0.030	18.09	Ä			
Ø0.316 x 0.546	+0.006/-0.001 x +/-0.010	37 x80	در		V	
Ø0.316 x 0.670	+0.006/-0.001 x +/-0.010	37×677	O		V	
Ø0.190	+0.005/-0.001	195	2_		V	
3.815	+/-0.010	3.817	-		V	
16.100	+/-0.010	(16,000)	\		T	

Measured by:	Audited by:	Preliminary Approval:	
Date: 7-6-17	Date: 12/46	Date:	

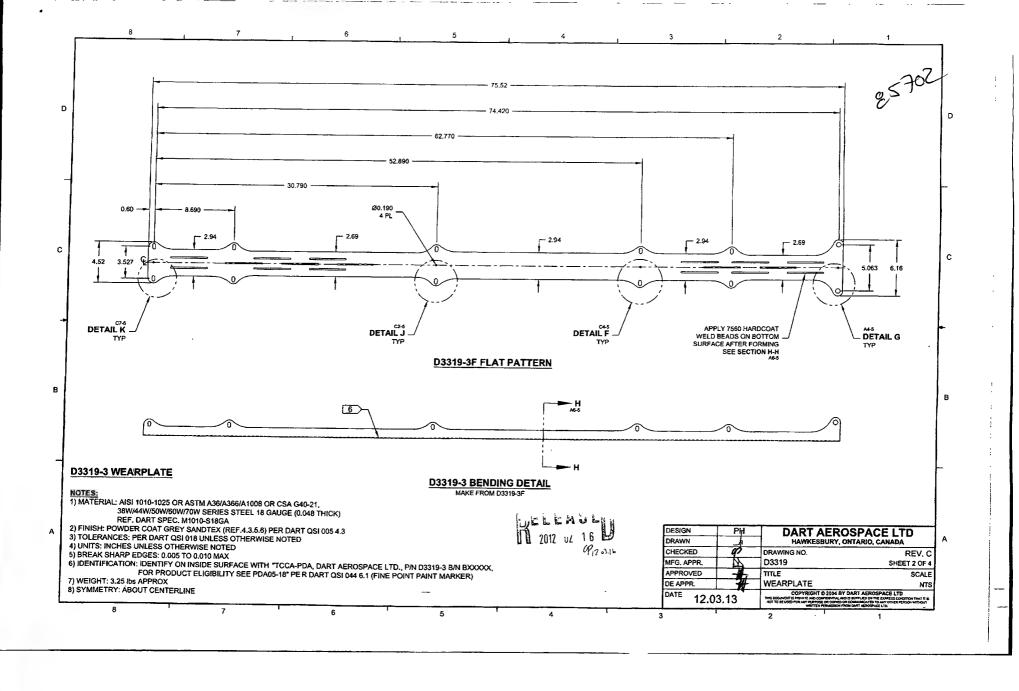
Rev	Date	Change	Revised by	Approved
Α	07.05.31	New Issue	KJ/JLM , A	
В	12.05.15	Dimensions updated per Dwg Rev C	KJ OKY	Charles
			'7)	7

W/O:			WORK ORDER CHANGES									
DATE	STEP	PRO	ROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng /- Prod Mgr	Approval QC Inspector		
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Part No	•	PAR #:	Fault Categ	ory:	_ NCR	: Yes N	o DQ	A:	Date: _			
Resolution:			Disposition: QA				sed:		Date: _			
NCR:			WORK ORDER NON-CONFORMANCE (NCR)									
DATE	STEP	Description of NC Section A	Corrective Action Initial Action Descrip Chief Eng Chief Eng		Section B  tion Sign & Date		Verification Section C		Approval Chief Eng	Approval QC Inspector		
			Officer Eng	Cillel Elig		Date						
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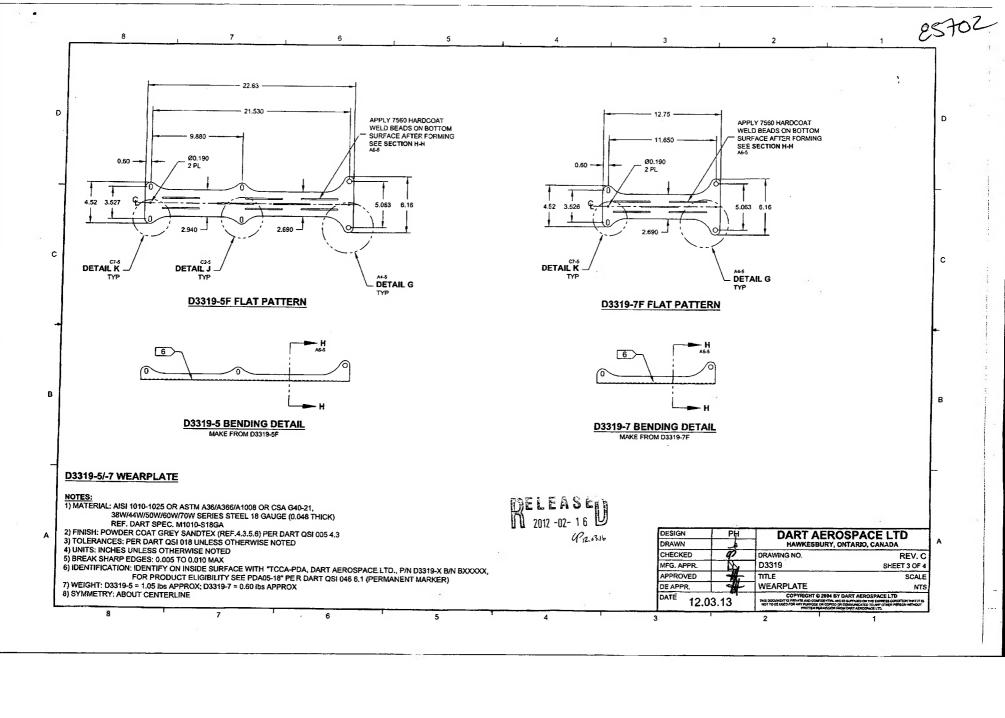


W/O:			WORK ORDER CHANGES					
DATE	STEP	F	PROCEDURE CHANGE	Ву	By Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Category:	NCR: Y	es No <b>DQ</b>	A:	Date: _	
	F	lesolution:	Disposition:	QA: N/C	Closed:		Date: _	

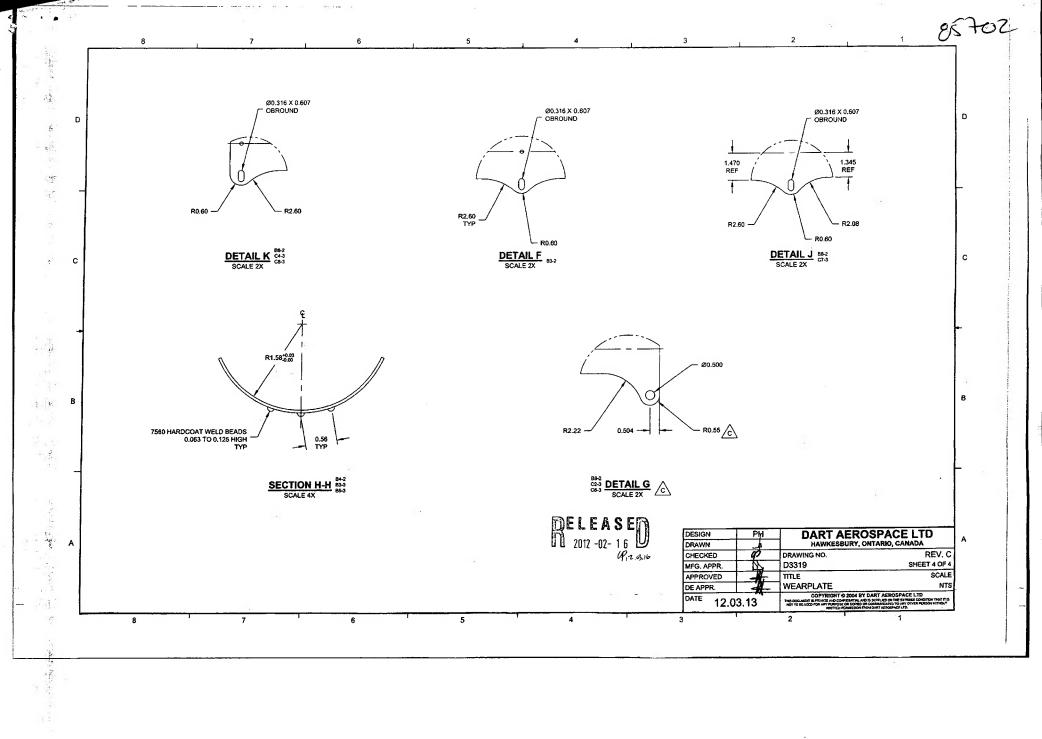
NCR:		WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC		Corrective Action Section B	· · · · · · · · · · · · · · · · · · ·	Verification	Approval Chief Eng	Approval QC Inspector				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C						



W/O:		WORK ORDER CHANGES										
DATE	STEP	PRO	DCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
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Part No	•	PAR #:	Fault Cate	NCR: Yes No DQA: Date:								
	Res	solution:	Dispositio	n:	QA: N/C C	losed:		Date: _				
NCR:		,	WORK ORD	ER NON-CONFORM	ANCE (NC	R)						
DATE	STEP	Description of NC		etion B		cation	Approval	Approval				
DAIL	O.L.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date		ion C	Chief Eng	QC Inspector			
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W/O:			W	ORK ORDER CHANGE	S							
DATE	STEP	PROCEDURE CHANGE				Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
9												
Part No		PAR #:	PAR #: Fault Category:				NCR: Yes No DQA: Date:					
	R	olution: Disposition:			QA: N/C Closed: Date:							
NCR:			WORK ORD	ER NON-CONFORMA	NCE	(NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section					Verification	Approval	Approval		
			Initial Chief Eng	Action Description Chief Eng		Sign & Date	Section C		Chief Eng	QC Inspector		
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W/O:		WORK ORDER CHANGES										
DATE	STEP	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
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		a,										
Part No:		PAR #:	Fault Ca	itegory:	NCR: Yes	No DQA	\:	Date:				
		esolution:										
NCR:		V	ORK OR	DER NON-CONFORMA	NCE (NC	R)	• •					
DATE	STEP	Description of NC Section A	Initial	Corrective Action Section Initial Action Description			Verification Section C		Approval QC inspector			
		GOMONY	Chief Eng	Chief Eng	Dat			Chief Eng	QO mapecio			
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